ECO GRID N40

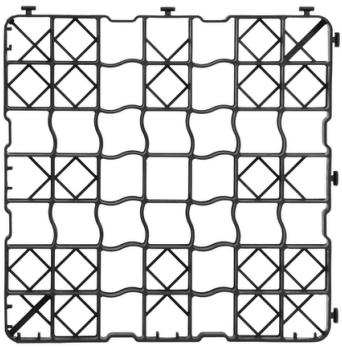
STANDARD APPLICATION

TECHNICAL DATA SHEET

PRODUCT INFORMATION

Eco grid designed for the stabilization of road and parking surfaces while maintaining a biologically active surface. It has a modular, load-bearing structure composed of regular square cells connected at nodes, forming a stable grid with high load resistance. The panels are connected along the side walls using a system of clips and slots that snap into the sockets of adjacent modules, ensuring an even and stable interlocking of the elements into a uniform surface. The product is made of high-quality recycled material, resistant to weather conditions, low temperatures, and UV radiation, ensuring durability and stable performance properties throughout its entire service life.

PRODUCT GALLERY



Grass filling



Aggregate filling



Eco grids can be filled with mineral aggregate or with a layer of fertile soil intended for grass seeding, creating a stable, biologically active green surface. For separating traffic lanes and marking parking spaces, NATAN PLAST plastic parking markers are used, compatible with the eco grid system.

PACKAGING

	STANDARD	SPECIAL*
Pallet size	120cm/100cm	120cm/100cm
Pallet height	2,1 m	2,5 m
Pallet weight	310 kg	350 kg
Number of units per pallet	240	276
Area per pallet (m^2)	60	69

**Available on request*



TECHNICAL PARAMETERS

Height	40 mm
Dimensions	50cm/50cm
Color	Black
Weight	1,2 kg
External wall thickness	4,5 mm
Internal wall thickness	3 mm
Number of eco grid clusters	49
Cluster dimensions	67 mm/67 mm
Number of units per m^2	4
Weight $1m^2$	4,8 kg
Material	PP/PE
Raw material	100% Recycled

PERFORMANCE PROPERTIES

Dimensional stability	± 3%
Minimum compressive strength	250 t/m2
Minimum allowable axle load	>170kN/axle
Biologically active surface	90%
Runoff coefficient	0,11-0,20
Application for fire access roads	YES

CERTIFICATES AND DOCUMENTS

National Technical Assessment - Instytut Budowy Dróg i Mostów (Road and Bridge Research Institute)

National Declaration of Performance

EPD certificate

REACH declaration

PRODUCT APPLICATION

- parking areas
- internal and access roads
- roads and maneuvering areas
- road shoulders
- fire access roads
- airports and airstrips
- paddocks and animal runs
- extensive green roofs
- protection of slopes and embankments
- bicycle and tourist routes
- recreational and sports areas
- pedestrian paths and walkways
- extensive green roofs